

## 2.6 – GROUP 2 – PPQ2



Name ..... Form .....

- 2) Radium is the element below barium in Group 2.
- a) State whether or not each of the following is soluble in water.
- i) radium hydroxide .....
- ii) radium sulphate ..... (2)
- b) i) Is the atomic radius of radium more or less than that of barium? .....
- ii) Explain your reasoning. .... (2)
- .....
- c) i) Is the first ionisation energy of radium more or less than that of barium? .....
- ii) Explain your reasoning. .... (4)
- .....
- d) i) Is the melting point of radium more or less than that of barium? .....
- ii) Explain your reasoning. .... (3)
- .....